Ongoing:
YEAR 3: Count from 0 in multiples of 4, 8, 50 and 100; N14 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
YEAR 4: N1 Count in multiples of 6, 7, 9, 25 and 1000; N14 Recall multiplication and division facts for multiplication tables up to 12 × 12

Y3/4	**Autumn**	Y3	Y4
Week 1	Number and place value	N5 Read and write numbers up to 1000 in numerals and in words N4 Identify, represent and estimate numbers using different representations N2 Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) N6 Solve number problems and practical problems involving these ideas	N9 Read Roman numerals to 100 (I to C) N6 Identify, represent and estimate numbers using different representations N4 Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) N8 Solve number and practical problems that involve all of the above and with increasingly large positive numbers
Week 2	Number: Addition and subtraction	N7 Add and subtract numbers mentally, a three-digit number and ones N8 Add and subtract numbers mentally, a three-digit number and tens N9 Add and subtract numbers mentally, a three-digit number and hundreds N10 Add numbers with up to three digits, using formal written methods of columnar addition N11 Subtract numbers with up to three digits, using formal written methods of columnar subtraction	** Non-statutory guidance states: continue to practise mental methods with increasingly large numbers to aid fluency N10 Add numbers with up to 4 digits using the formal written methods of columnar addition where appropriate N11 Subtract numbers with up to 4 digits using the formal written methods of columnar subtraction where appropriate
Week 3	Number: Multiplication and division	N14 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables N15 Write and calculate mathematical statements for multiplication and division using the multiplication tables they know N16 Solve problems, including missing number problems, involving multiplication and division	N14 Recall multiplication and division facts for multiplication tables up to 12 × 12 N15 Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1 N18 Solve problems involving multiplying
Week 4	Geometry: properties shapes	G1 Draw 2-D shapes G1 Make 3-D shapes using modelling materials G2 Recognise 3-D shapes in different orientations and describe them	G1 Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes (2D shapes) G3 Identify lines of symmetry in 2D shapes presented in different orientations G4 Complete a simple symmetric figure with respect to a specific line of symmetry

Week 5	Measurement: money and time	M3 Add and subtract amounts of money to give change, using both £ and p in practical contexts M4 Tell and write the time from an analogue clock M7 Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight M8 Know the number of seconds in a minute and the number of days in each month, year and leap year	M4 Estimate, compare and calculate different measures, including money in pounds and pence M5 Read, write and convert time between analogue and digital 12- and 24-hour clocks M6 Convert from hours to minutes; minutes to seconds; years to months; weeks to days
Week 6	Statistics	S1 Interpret and present data using bar charts, pictograms and tables S2 Solve one and two-step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables	S1 Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs S2 Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs
Week 7	Number: Addition and subtraction	N10 Add numbers with up to three digits, using formal written methods of columnar addition N11 Subtract numbers with up to three digits, using formal written methods of columnar subtraction N13 Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	N10 Add numbers with up to 4 digits using the formal written methods of columnar addition where appropriate N11 Subtract numbers with up to 4 digits using the formal written methods of columnar subtraction where appropriate N13 Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
Week 8	Number: Multiplication and division	N14 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables N15 Write and calculate mathematical statements for multiplication and division using the multiplication tables they know N16 Solve problems, including missing number problems, involving multiplication and division	N14 Recall multiplication and division facts for multiplication tables up to 12 × 12 N15 Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1 N16 Recognise and use factor pairs and commutativity in mental calculations
Week 9	Number: Fractions	N18 Recognise, ~~find~~ and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators N19 Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators N18 ~~Recognise~~, find ~~and write~~ fractions of a discrete set of objects: unit fractions and	N19 Recognise and show, using diagrams, families of common equivalent fractions N22 Add and subtract fractions with the same denominator N21 Solve problems involving increasingly harder fractions to calculate quantities,

		non-unit fractions with small denominators	and fractions to divide quantities, including non-unit fractions where the answer is a whole number
Week 10	Geometry: position and direction		G5 Describe positions on a 2-D grid as coordinates in the first quadrant G6 Describe movements between positions as translations of a given unit to the left/right and up/down
Week 11	Measurement	M1 Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	M4 Estimate, compare and calculate different measures M1 Convert between different units of measure [for example, kilometre to metre; hour to minute]
Week 12	Asses and review		

Ongoing:
YEAR 3: Count from 0 in multiples of 4, 8, 50 and 100; N14 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
YEAR 4: N1 Count in multiples of 6, 7, 9, 25 and 1000; N14 Recall multiplication and division facts for multiplication tables up to 12 × 12

Y3/4	**Autumn**	Y3	Y4
Week 1	Number and place value	N2 Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) N3 Compare and order numbers up to 1000 N4 Identify, represent and estimate numbers using different representations **(This can be linked other expectations.)** N6 Solve number problems and practical problems involving these ideas **(N5 Read and write numbers up to 1000 in numerals and in words – could be done through other expectations)**	N2 Find 1000 more or less than a given number N4 Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) N5 Order and compare numbers beyond 1000 N6 Identify, represent and estimate numbers using different representations **(This can be linked to other expectations.)** N7 Round any number to the nearest 10, 100 or 1000
Week 2	Number: Addition and subtraction	N7 Add and subtract numbers mentally, a three-digit number and ones N8 Add and subtract numbers mentally, a three-digit number and tens N9 Add and subtract numbers mentally, a three-digit number and hundreds **(As above taught last term, could possibly be done in one lesson? Or as mental for the week?)** N10 Add numbers with up to three digits, using formal written methods of columnar addition N11 Subtract numbers with up to three digits, using formal written methods of columnar subtraction N12 Estimate the answer to a calculation and use inverse operations to check answers N13 Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	N10 Add numbers with up to 4 digits using the formal written methods of columnar addition where appropriate N11 Subtract numbers with up to 4 digits using the formal written methods of columnar subtraction where appropriate N12 Estimate and use inverse operations to check answers to a calculation N13 Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

Week 3	Number: Multiplication and division	N14 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables N15 Write and calculate mathematical statements for multiplication and division using the multiplication tables they know N16 Solve problems, including missing number problems, involving multiplication and division	N14 Recall multiplication and division facts for multiplication tables up to 12 × 12 N15 Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1 N16 Recognise and use factor pairs and commutativity in mental calculations N18 Solve problems involving multiplying and dividing
Week 4	Geometry: properties shapes	G3 Recognise angles as a property of shape or a description of a turn G4 Identify right angles G5 Recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn G6 Identify whether angles are greater than or less than a right angle	G2 Identify acute and obtuse angles and compare and order angles up to two right angles by size
Week 5	Measurement: money and time	M3 Add and subtract amounts of money to give change, using both £ and p in practical contexts M4 Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks M5 Estimate and read time with increasing accuracy to the nearest minute M7 Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight M6 Record and compare time in terms of seconds, minutes and hours M8 Know the number of seconds in a minute and the number of days in each month, year and leap year **(These time expectations can be linked and taught together.)**	M4 Estimate, compare and calculate different measures, including money in pounds and pence M5 Read, write and convert time between analogue and digital 12- and 24-hour clocks M6 Convert from hours to minutes; minutes to seconds; years to months; weeks to days

Week 6	Number: fractions Statistics	N18 Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators N20 Recognise and show, using diagrams, equivalent fractions with small denominators N22 Compare and order unit fractions, and fractions with the same denominators **(The above three expectations could be taught together.)** N19 Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators S1 Interpret and present data using bar charts, pictograms and tables S2 Solve one and two-step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables	N19 Recognise and show, using diagrams, families of common equivalent fractions N21 Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number S1 Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs S2 Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs
Week 7	Number: Addition and subtraction	N7 Add and subtract numbers mentally, a three-digit number and ones N8 Add and subtract numbers mentally, a three-digit number and tens N9 Add and subtract numbers mentally, a three-digit number and hundreds **(As above taught last term and earlier this term, could possibly be done in one lesson? Or as mental for the week?)** N10 Add numbers with up to three digits, using formal written methods of columnar addition N11 Subtract numbers with up to three digits, using formal written methods of columnar subtraction N12 Estimate the answer to a calculation and use inverse operations to check answers N13 Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	N10 Add numbers with up to 4 digits using the formal written methods of columnar addition where appropriate N11 Subtract numbers with up to 4 digits using the formal written methods of columnar subtraction where appropriate N12 Estimate and use inverse operations to check answers to a calculation N13 Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

Week 8	Number: Multiplication and division	N14 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables **(This could be done as mental rather than a lesson.)** N15 Write and calculate mathematical statements for multiplication and division using the multiplication tables they know N16 Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which **n** objects are connected to **m** objects	N14 Recall multiplication and division facts for multiplication tables up to 12 × 12 **(This could be done as mental rather than a lesson.)** N15 Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1 N16 Recognise and use factor pairs and commutativity in mental calculations N17 Multiply two-digit and three-digit numbers by a one-digit number using formal written layout N18 Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as **n** objects are connected to **m** objects
Week 9	Number: Fractions	N21 Add and subtract fractions with the same denominator within one whole **(Can also link to N18.)** N17 Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 N23 Solve problems that involve expectations N18 to N22	N22 Add and subtract fractions with the same denominator N20 Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten N23 Recognise and write decimal equivalents of any number of tenths or hundredths N24 Recognise and write decimal equivalents to $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}$ **(The above two expectations could be taught together.)** N25 Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths
Week 10	Geometry: properties shapes; position and direction	G1 Draw 2-D shapes and make 3-D shapes using modelling materials G2 Recognise 3-D shapes in different orientations and describe them	G1 Compare and classify geometric shapes, including quadrilaterals and triangles**,** based on their properties and sizes (**Properties could also include lines of symmetry G3.)** G5 Describe positions on a 2-D grid as coordinates in the first quadrant G6 Describe movements between positions as translations of a given unit to the left/right and up/down G7 Plot specified points and draw sides to complete a given polygon **(These expectations can be linked and taught together.)**

Week 11	Measurement	M1 Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) M2 Measure the perimeter of simple 2-D shapes	M4 Estimate, compare and calculate different measures M1 Convert between different units of measure [for example, kilometre to metre; hour to minute] M2 Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres M3 Find the area of rectilinear shapes by counting squares

Ongoing:
YEAR 3: Count from 0 in multiples of 4, 8, 50 and 100; N14 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
YEAR 4: N1 Count in multiples of 6, 7, 9, 25 and 1000; N14 Recall multiplication and division facts for multiplication tables up to 12 × 12

Y3/4	**Autumn**	Y3	Y4
Week 1	Number and place value	N2 Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) N3 Compare and order numbers up to 1000 N4 Identify, represent and estimate numbers using different representations N5 Read and write numbers up to 1000 in numerals and in words **(The above can be linked other with each other.)** N6 Solve number problems and practical problems involving these ideas N1 Find 10 or 100 more or less than a given number	N4 Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) N5 Order and compare numbers beyond 1000 N6 Identify, represent and estimate numbers using different representations **(The above can be linked other with each other.)** N8 Solve number and practical problems with increasingly large positive numbers N2 Find 1000 more or less than a given number N7 Round any number to the nearest 10, 100 or 1000 N3 Count backwards through zero to include negative numbers
Week 2	Number: Addition and subtraction Measure: Money	N7, N8 and N9 Add and subtract numbers mentally, a three-digit number and ones; and tens; and hundreds **(As above taught before, could possibly be done in one lesson? Or as mental for the week?)** N10 Add numbers with up to three digits, using formal written methods of columnar addition N11 Subtract numbers with up to three digits, using formal written methods of columnar subtraction N12 Estimate the answer to a calculation and use inverse operations to check answers N13 Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction M4 Estimate, compare and calculate different measures, including money in pounds and pence **(The above two expectations can be taught together.)**	N10 Add numbers with up to 4 digits using the formal written methods of columnar addition where appropriate N11 Subtract numbers with up to 4 digits using the formal written methods of columnar subtraction where appropriate N12 Estimate and use inverse operations to check answers to a calculation N13 Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why M4 Estimate, compare and calculate different measures, including money in pounds and pence **(The above two expectations can be taught together.)**

Week 3	Number: Multiplication and division	N14 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables **(This could be done as mental rather than a lesson.)** N15 Write and calculate mathematical statements for multiplication and division using the multiplication tables they know N16 Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which **n** objects are connected to **m** objects	N14 Recall multiplication and division facts for multiplication tables up to 12 × 12 **(This could be done as mental rather than a lesson.)** N15 Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1 N16 Recognise and use factor pairs and commutativity in mental calculations N17 Multiply two-digit and three-digit numbers by a one-digit number using formal written layout N18 Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as **n** objects are connected to **m** objects
Week 4	Geometry: properties shapes	G3 Recognise angles as a property of shape or a description of a turn G4 Identify right angles G5 Recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn G6 Identify whether angles are greater than or less than a right angle	G2 Identify acute and obtuse angles and compare and order angles up to two right angles by size
Week 5	Measurement: time	M4 Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks M5 Estimate and read time with increasing accuracy to the nearest minute M7 Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight M6 Record and compare time in terms of seconds, minutes and hours M8 Know the number of seconds in a minute and the number of days in each month, year and leap year **(These time expectations can be linked and taught together.)**	M5 Read, write and convert time between analogue and digital 12- and 24-hour clocks M6 Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days

Week 6	Statistics Number: Addition and subtraction	S1 Interpret and present data using bar charts, pictograms and tables S2 Solve one and two-step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables N12 Estimate the answer to a calculation and use inverse operations to check answers N13 Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	S1 Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs S2 Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs N12 Estimate and use inverse operations to check answers to a calculation N13 Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
Week 7	Number: Fractions	N18 Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators N22 Compare and order unit fractions, and fractions with the same denominators N20 Recognise and show, using diagrams, equivalent fractions with small denominators **(The above expectations could be taught together.)** N19 Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators N21 Add and subtract fractions with the same denominator within one whole **(Can also link to N18.)**	N19 Recognise and show, using diagrams, families of common equivalent fractions N21 Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number N22 Add and subtract fractions with the same denominator

Week 8	Number fractions	N17 Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 N23 Solve problems that involve expectations N18 to N22	N20 Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten N23 Recognise and write decimal equivalents of any number of tenths or hundredths N24 Recognise and write decimal equivalents to $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}$ N25 Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths N26 Round decimals with one decimal place to the nearest whole number N27 Compare numbers with the same number of decimal places up to two decimal places N28 Solve simple measure and money problems involving fractions and decimals to two decimal places
Week 9	Number: Multiplication and division	N14 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables **(This could be done as mental rather than a lesson.)** N15 Write and calculate mathematical statements for multiplication and division using the multiplication tables they know N16 Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which **n** objects are connected to **m** objects	N14 Recall multiplication and division facts for multiplication tables up to 12 × 12 **(This could be done as mental rather than a lesson.)** N15 Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1 N16 Recognise and use factor pairs and commutativity in mental calculations N17 Multiply two-digit and three-digit numbers by a one-digit number using formal written layout N18 Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as **n** objects are connected to **m** objects

Week 10	Geometry: properties shapes; position and direction	G1 Draw 2-D shapes and make 3-D shapes using modelling materials G2 Recognise 3-D shapes in different orientations and describe them G7 Identify horizontal and vertical lines and pairs of perpendicular and parallel lines	G1 Compare and classify geometric shapes, including quadrilaterals and triangles**,** based on their properties and sizes G3 Identify lines of symmetry in 2D shapes presented in different orientations G4 Complete a simple symmetric figure with respect to a specific line of symmetry G5 Describe positions on a 2-D grid as coordinates in the first quadrant G6 Describe movements between positions as translations of a given unit to the left/right and up/down G7 Plot specified points and draw sides to complete a given polygon **(These expectations can be linked and taught together.)**
Week 11	Measurement	M1 Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) M2 Measure the perimeter of simple 2-D shapes	M4 Estimate, compare and calculate different measures M1 Convert between different units of measure [for example, kilometre to metre; hour to minute] M2 Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres M3 Find the area of rectilinear shapes by counting squares
Week 12	Assess		